

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2649	S34 and second signal same accura\$4 same transmit\$\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:08
		S39 and second signal and same accura\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/10/30 13:40
		((356/3.1-3.16,3.09,625,4.06,4.07, 4.09,4.1,5.01,5.15) or (342/129, 130,131,87)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
		L1 and standing wave and frequency change	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
		("7019825").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
		"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L5	6	L1 and standing wave and second frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L6	2	L1 and standing wave and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19

## EAST Search History

L7	87	L1 and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L8	15	L1 and second measurement same accura\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L9	1	L1 and frequency change same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L10	0	L1 and amplitued measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L11	0	L1 and amplitude measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L12	13	"079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L13	2	("0079799").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
L14	3	"2002079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19

## EAST Search History

L15	2	"20040119966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L16	4	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L17	2649	((356/3.1-3.16,3.09,625,4.06,4.07, 4.09,4.1,5.01,5.15) or (342/129, 130,131,87)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
L18	2	("7019825").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
L19	4	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L20	0	L17 and amplitued measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L21	0	L17 and amplitude measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L22	1	L17 and frequency change same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19

## EAST Search History

L23	2	L17 and standing wave and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L24	9	L17 and standing wave and frequency change	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L25	6	L17 and standing wave and second frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L26	87	L17 and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L27	15	L17 and second measurement same accuracy\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L28	13	"079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L29	2	("0079799").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
L30	2	"20040119966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19

## EAST Search History

L31	4	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L32	12	L17 and standing wave and velocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L33	1496	(356/28,28.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
L34	17	L33 and standing wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L35	3	"2002079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L36	0	L17 and second signal and second near3 standing wave and second near3 measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L37	0	L17 and second signal and second near3 standing wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L38	0	L17 and second standing wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19

## EAST Search History

L39	364	L17 and second signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L40	27	L39 and second signal same accura\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L41	5	L33 and second signal same accura\$4 same transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L42	39	L33 and second signal same transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L43	16	L33 and second signal same accura\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L44	14	L33 and second signal near7 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L45	13	L33 and first signal same second signal same difference same (velocity or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L46	134	first signal near6 second signal near6 difference near6 (velocity or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19

## EAST Search History

L47	3	L46 and (L17 or L33)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L48	1	L34 and second signal near3 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L49	1	L34 and second signal near7 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L50	14	L33 and second signal near7 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L51	2649	((356/3.1-3.16,3.09,625,4.06,4.07, 4.09,4.1,5.01,5.15) or (342/129, 130,131,87)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
L52	0	L51 and amplitued measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L53	2	("7019825").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
L54	4	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19

## EAST Search History

L55	0	L51 and amplitude measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L56	2649	((356/3.1-3.16,3.09,625,4.06,4.07,4.09,4.1,5.01,5.15) or (342/129,130,131,87)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
L57	1496	(356/28,28.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
L58	2	("7019825").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
L59	4	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L60	0	L56 and amplitued measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L61	0	L56 and amplitude measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L62	0	L56 and second signal and second near3 standing wave and second near3 measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19



## EAST Search History

L63	0	L56 and second signal and second near3 standing wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L64	39	L57 and second signal same transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L65	0	L56 and second standing wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L66	364	L56 and second signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L67	134	first signal near6 second signal near6 difference near6 (velocity or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L68	17	L57 and standing wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L69	1	L68 and second signal near7 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L70	2	L51 and standing wave and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19

## EAST Search History

L71	14	L57 and second signal near7 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L72	3	L67 and (L56 or L57)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L73	1	L51 and frequency change same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L74	2	L56 and standing wave and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L75	1	L68 and second signal near3 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L76	14	L57 and second signal near7 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L77	2	"20040119966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L78	9	L51 and standing wave and frequency change	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19

## EAST Search History

L79	1	L56 and frequency change same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L80	87	L51 and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L81	6	L51 and standing wave and second frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L82	13	"079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L83	15	L51 and second measurement same accura\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L84	2	("0079799").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
L85	3	"2002079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L86	2	"20040119966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19

## EAST Search History

L87	6	L56 and standing wave and second frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L88	15	L56 and second measurement same accuracy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L89	4	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L90	9	L56 and standing wave and frequency change	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L91	87	L56 and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L92	13	"079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L93	2	("0079799").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19
L94	2	"20040119966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19

## EAST Search History

L95	4	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L96	12	L56 and standing wave and velocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L97	13	L57 and first signal same second signal same difference same (velocity or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L98	3	"2002079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L99	27	L66 and second signal same accura\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L100	5	L57 and second signal same accura\$4 same transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L101	16	L57 and second signal same accura\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/02/14 12:19
L102	2	("20040161257").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/14 12:19

## EAST Search History

S1	2463	((356/3.1-3.16,3.09,625,4.06,4.07,4.09,4.1,5.01,5.15) or (342/129,130,131,87)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/10 14:07
S2	6	S1 and standing wave and frequency change	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/10 14:53
S3	0	("7019825").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/10 14:39
S4	0	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/19 15:04
S5	5	S1 and standing wave and second frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/10 14:40
S6	1	S1 and standing wave and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/10 14:41
S7	79	S1 and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/10 14:41
S8	14	S1 and second measurement same accuracy\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/10 14:42

## EAST Search History

S9	1	S1 and frequency change same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/10 14:54
S10	0	S1 and amplitued measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/10 14:54
S11	0	S1 and amplitude measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/10 14:54
S12	2	("0079799").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:05
S13	12	"079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/16 17:06
S14	3	"2002079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/16 17:06
S15	2	"20040119966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/03/17 11:44
S16	2	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/06/19 15:04

## EAST Search History

S17	2549	((356/3.1-3.16,3.09,625,4.06,4.07,4.09,4.1,5.01,5.15) or (342/129,130,131,87)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/28 12:49
S18	6	S17 and standing wave and frequency change	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:44
S19	2	("7019825").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/28 12:44
S20	2	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:44
S21	5	S17 and standing wave and second frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:44
S22	1	S17 and standing wave and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:44
S23	82	S17 and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:44
S24	14	S17 and second measurement same accuracy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:58



## EAST Search History

S25	1	S17 and frequency change same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:44
S26	0	S17 and amplitued measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:44
S27	0	S17 and amplitude measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:44
S28	12	"079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:44
S29	2	("0079799").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/28 12:44
S30	3	"2002079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:44
S31	2	"20040119966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:44
S32	2	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:44

## EAST Search History

S33	11	S17 and standing wave and velocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:52
S34	1479	(356/28,28.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/28 12:52
S35	16	S34 and standing wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:31
S36	0	S17 and second signal and second near3 standing wave and second near3 measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:59
S37	0	S17 and second signal and second near3 standing wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:59
S38	0	S17 and second standing wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 12:59
S39	346	S17 and second signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:00
S40	26	S39 and second signal same accura\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:07

## EAST Search History

S41	16	S34 and second signal same accura\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:41
S42	5	S34 and second signal same accura\$4 same transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:09
S43	39	S34 and second signal same transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:09
S44	14	S34 and second signal near7 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:13
S45	13	S34 and first signal same second signal same difference same (velocity or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:19
S46	131	first signal near6 second signal near6 difference near6 (velocity or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:19
S47	3	S46 and (S17 or S34)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:20
S48	1	S35 and second signal near3 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:32

## EAST Search History

S49	1	S35 and second signal near7 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:32
S50	14	S34 and second signal near7 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/28 13:32
S51	2553	((356/3.1-3.16,3.09,625,4.06,4.07,4.09,4.1,5.01,5.15) or (342/129,130,131,87)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 10:53
S52	6	S51 and standing wave and frequency change	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S53	2	("7019825").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 10:53
S54	2	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S55	5	S51 and standing wave and second frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S56	1	S51 and standing wave and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53

## EAST Search History

S57	82	S51 and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S58	14	S51 and second measurement same accura\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S59	1	S51 and frequency change same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S60	0	S51 and amplitued measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S61	0	S51 and amplitude measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S62	12	"079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S63	2	("0079799").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 10:53
S64	3	"2002079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53

## EAST Search History

S65	2	"20040119966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S66	2	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S67	2553	((356/3.1-3.16,3.09,625,4.06,4.07, 4.09,4.1,5.01,5.15) or (342/129, 130,131,87)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 10:53
S68	2	("7019825").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 10:53
S69	2	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S70	0	S67 and amplitued measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S71	0	S67 and amplitude measured same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S72	1	S67 and frequency change same lapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53

## EAST Search History

S73	1	S67 and standing wave and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S74	6	S67 and standing wave and frequency change	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S75	5	S67 and standing wave and second frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S76	82	S67 and second measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S77	14	S67 and second measurement same accuracy\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S78	12	"079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S79	2	("0079799").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 10:53
S80	2	"20040119966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53

## EAST Search History

S81	2	"7019825"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S82	11	S67 and standing wave and velocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S83	1479	(356/28,28.5).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/30 10:53
S84	16	S83 and standing wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S85	3	"2002079799"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S86	0	S67 and second signal and second near3 standing wave and second near3 measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S87	0	S67 and second signal and second near3 standing wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S88	0	S67 and second standing wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53



## EAST Search History

S89	347	S67 and second signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S90	26	S89 and second signal same accura\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S91	5	S83 and second signal same accura\$4 same transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S92	39	S83 and second signal same transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S93	16	S83 and second signal same accura\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S94	14	S83 and second signal near7 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S95	13	S83 and first signal same second signal same difference same (velocity or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S96	131	first signal near6 second signal near6 difference near6 (velocity or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53

## EAST Search History

S97	3	S96 and (S67 or S83)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S98	1	S84 and second signal near3 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S99	1	S84 and second signal near7 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S10 0	14	S83 and second signal near7 transmit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 10:53
S10 1	2	"20040119966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2006/08/30 11:04
S10 2	2	("20040161257").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/30 13:40

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	distance measuring same measurement system same measurement object and first traveling wave same first reflected wave and changing a frequency same first traveling wave and first standing wave near3 first position same first amplitude and relative speed.clm.	US-PGPUB	NEAR	ON	2007/02/14 12:31
L2	0	distance measuring same measurement system same measurement object and first traveling wave same first reflected wave and changing a frequency same first traveling wave and first standing wave near3 first position same first amplitude.clm.	US-PGPUB	NEAR	ON	2007/02/14 12:31
L3	0	distance measuring same measurement system same measurement object and first traveling wave same first reflected wave and changing a frequency same first traveling wave and first standing wave near3 first position and first amplitude.clm.	US-PGPUB	NEAR	ON	2007/02/14 12:32
L4	0	distance measuring same measurement system same measurement object and first traveling wave same first reflected wave and changing a frequency same first traveling wave and first standing wave near3 first position. clm.	US-PGPUB	NEAR	ON	2007/02/14 12:32
L5	0	distance measuring same measurement system same measurement object and first traveling wave same first reflected wave and changing a frequency same first traveling wave and first standing wave same first position. clm.	US-PGPUB	NEAR	ON	2007/02/14 12:32
L6	0	distance measuring same measurement system same measurement object and first traveling wave same first reflected wave and changing a frequency same first traveling wave and first standing wave.clm.	US-PGPUB	NEAR	ON	2007/02/14 12:32

## EAST Search History

L7	0	distance measuring same measurement system same measurement object and first traveling wave same first reflected wave and changing a frequency same first traveling wave.clm.	US-PGPUB	NEAR	ON	2007/02/14 12:32
L8	0	distance measuring same measurement system same measurement object and first traveling wave same first reflected wave and changing a frequency and first traveling wave.clm.	US-PGPUB	NEAR	ON	2007/02/14 12:32
L9	0	distance measuring same measurement system same measurement object and first traveling wave same first reflected wave and changing a frequency.clm.	US-PGPUB	NEAR	ON	2007/02/14 12:33